What is claimed is:

1. A screw for use in an extruder for carrying a rubber material supplied from a hopper port at the rear of the cylinder of the extruder by the screw, molding it into a predetermined sectional form and extruding it from a nozzle attached to the end of the cylinder, wherein

the height of a flight on an upstream side of the screw is made lower than the height of a flight on a downstream side.

2. The screw according to claim 1, wherein the height of the flight located below the hopper port of the screw is made lower than the height of the flight on a downstream side.

3. The screw according to claim 1 or 2, wherein the number of threads on an upstream side of the screw is made smaller than the number of threads on a downstream side.

4. The screw for use in an extruder according to claim 1 or 2, wherein the interval of the threads on an upstream side is made wider than the interval of the threads on a downstream side.

5. The screw for use in an extruder according to claim

1 or 2, wherein the diameters of the threads on an upstream side of the screw are made larger than the diameters of the threads on a downstream side.

6. The screw for use in an extruder according to any one of claims 1 to 5, wherein the height of the flight located below the hopper port is made 2 to 6 % smaller than the diameter of the screw.

7. A process for producing a screw for extruders, comprising cutting away a peripheral portion of the screw so that the height of a flight located below the hopper port of the screw for existing extruders becomes 2 to 6 % smaller than the diameter of the screw.

8. A process for producing a tire rubber member by using the screw according to any one of claims 1 to 6.

9. A tire rubber member manufactured by using the screw according to any one of claims 1 to 6 and having a gauge fluctuation of 0.15 mm or less.